

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS  
ACCESSION NUMBER: 1995:648143 CAPLUS

DOCUMENT NUMBER: 123:56394

TITLE: Corticoid 17,21-dicarboxylates and 17-carboxylate-21-carbonates as topical inflammation inhibitors  
INVENTOR(S): Stache, Ulrich; Alpermann, Hans-Georg; Duerchheimer, Walter; Bohn, Manfred  
PATENT ASSIGNEE(S): Hoechst A.-G., Germany  
SOURCE: Eur. Pat. Appl., 45 pp.  
CODEN: EPXXDF

NUMBER DATE

PATENT INFORMATION: EP 646593 A1 950405  
DESIGNATED STATES: Pt, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE

APPLICATION INFORMATION: EP 94-115348 940929  
PRIORITY APPLN. INFO.: DE 93-4333920 931005

DOCUMENT TYPE: Patent

LANGUAGE: German

OTHER SOURCE(S): HARPAT 123:56394

AB Title eters I [A = CHO, CHCl, CH<sub>2</sub>, CO; Y = H, F, Cl; Z = H, F, Me; R<sub>1</sub> = (un)substituted alkyl, aryl, heteroaryl; R<sub>2</sub> = alkyl, Ph, CH<sub>2</sub>Ph; R<sub>3</sub> = H, Me; n = 0-11] were prep'd. from the 17-monooesters. Thus, prednisolone 17-benzoate was treated with PhCH<sub>2</sub>CO<sub>2</sub>H and dicyclohexylcarbodiimide and pyridinium sulfate in pyridine to give the 21-phenylacetate (II). At 1.0 mg/mL, applied topically with croton oil, II gave 91% inhibition of the croton oil edema in rats.

IT 164243-59-3P 164244-01-8P

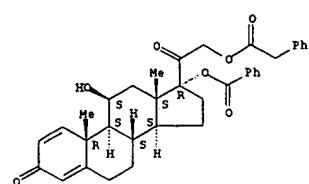
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (corticoid 17,21-dicarboxylates and 17-carboxylate-21-carbonates as topical inflammation inhibitors)

RN 164343-59-3 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-11-hydroxy-21-(phenylacetyl)oxy-, (11.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

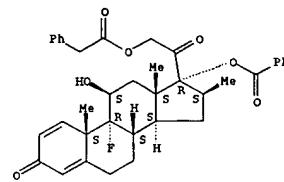
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164344-01-8 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-9-fluoro-11-hydroxy-16-methyl-21-(phenylacetyl)oxy-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 164343-45-7P 164343-45-7P 164343-50-4P

164343-51-5P 164343-54-8P 164343-56-0P  
164343-57-1P 164343-58-2P 164343-60-6P  
164343-61-7P 164343-64-0P 164343-65-1P  
164343-68-4P 164343-70-8P 164343-74-2P  
164343-75-3P 164343-76-4P 164343-77-5P  
164343-78-6P 164343-79-7P 164343-80-0P  
164343-81-1P 164343-82-2P 164343-83-3P  
164343-84-4P 164343-85-5P 164343-86-6P  
164343-87-7P 164343-91-3P 164343-92-4P  
164343-93-5P 164343-95-7P 164343-99-1P  
164344-00-7P 164344-08-5P 164344-36-9P

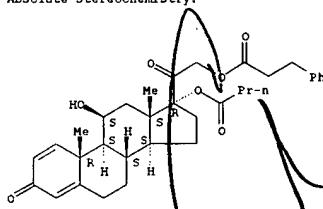
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)  
(corticoid 17,21-dicarboxylates and 17-carboxylate-21-carbonates as topical inflammation inhibitors)

RN 164343-43-5 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxobutoxy)-21-(1-oxo-3-phenylpropoxy)-, (11.beta.)- (9CI) (CA INDEX NAME)

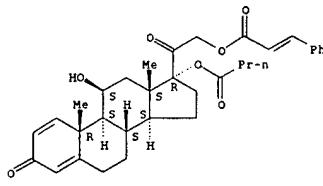
Absolute stereochemistry.



RN 164343-45-7 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxobutoxy)-21-(1-oxo-3-phenyl-2-propenyl)oxy-, (11.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry unknown.

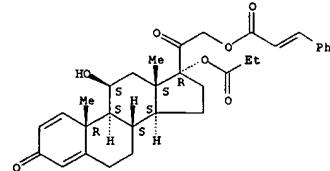


RN 164343-50-4 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-21-[(1-oxo-3-phenyl-2-propenyl)oxy]-17-(1-oxopropoxy)-, (11.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry unknown.

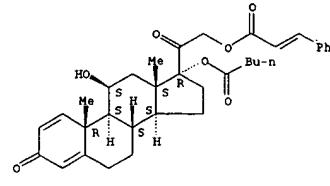
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-51-5 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-[(1-oxopentyl)oxy]-21-[(1-oxo-3-phenyl-2-propenyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry unknown.

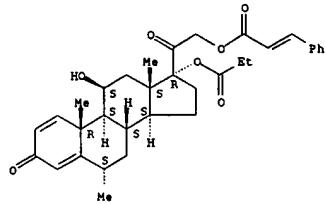


RN 164343-54-8 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-6-methyl-21-[(1-oxo-3-phenyl-2-propenyl)oxy]-17-(1-oxopropoxy)-, (6.alpha.,11.beta.)- (9CI) (CA INDEX NAME)

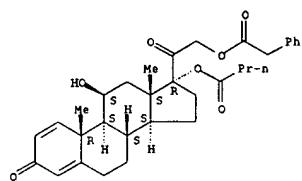
Absolute stereochemistry.  
Double bond geometry unknown.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-56-0 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-[(1-oxobutoxy)-21-  
 (phenylacetyl)oxy]-, (11-beta.)- (9CI) (CA INDEX NAME)

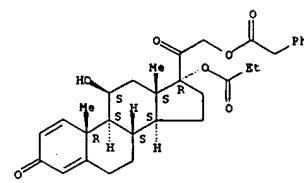
Absolute stereochemistry.



RN 164343-57-1 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxopropoxy)-21-  
 (phenylacetyl)oxy]-, (11-beta.)- (9CI) (CA INDEX NAME)

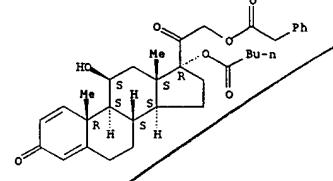
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-58-2 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-[(1-oxobutoxy)-21-  
 (phenylacetyl)oxy]-, (11-beta.)- (9CI) (CA INDEX NAME)

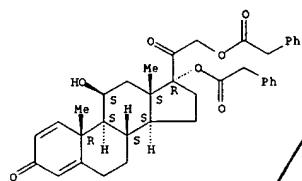
Absolute stereochemistry.



RN 164343-59-6 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17,21-bis(phenylacetyl)oxy]-  
 (11-beta.)- (9CI) (CA INDEX NAME)

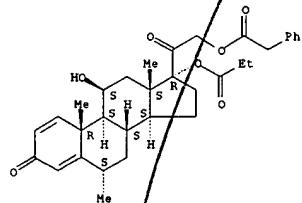
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-61-7 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-6-methyl-17-(1-oxopropoxy)-  
 21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.)- (9CI) (CA INDEX NAME)

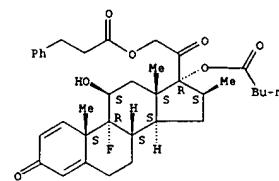
Absolute stereochemistry.



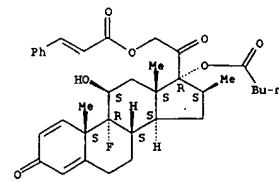
RN 164343-64-0 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-[(1-  
 oxopropoxy)-21-(1-oxo-3-phenyl-2-propenyl)oxy]-, (11.beta.,16.beta.)-  
 (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



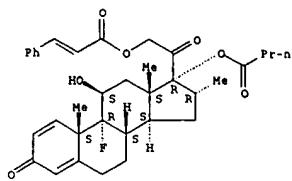
RN 164343-65-1 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-[(1-  
 oxopropoxy)-21-(1-oxo-3-phenyl-2-propenyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry unknown.

RN 164343-68-4 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-(1-  
 oxobutoxy)-21-(1-oxo-3-phenyl-2-propenyl)oxy]-, (11.beta.,16.alpha.)- (9CI) (CA INDEX NAME)

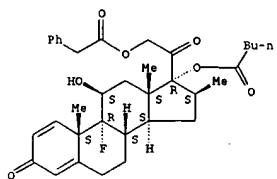
Absolute stereochemistry.  
Double bond geometry unknown.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-70-8 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-[(1-oxopentyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

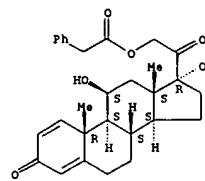
Absolute stereochemistry.



RN 164343-74-2 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 17-(acetyloxy)-11-hydroxy-21-[(phenylacetyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

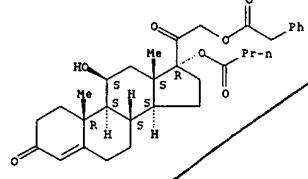
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-75-3 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

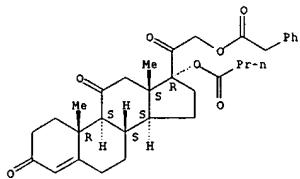
Absolute stereochemistry.



RN 164343-76-4 CAPLUS  
 CN Pregna-1,4-diene-3,11,20-trione, 17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]- (9CI) (CA INDEX NAME)

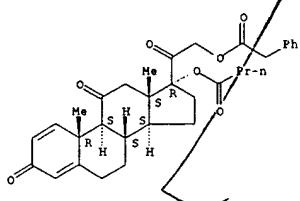
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-77-5 CAPLUS  
 CN Pregna-1,4-diene-3,11,20-trione, 17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]- (9CI) (CA INDEX NAME)

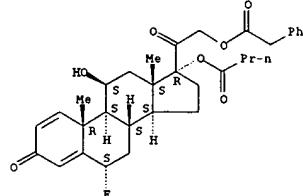
Absolute stereochemistry.



RN 164343-78-6 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 6-fluoro-11-hydroxy-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.)- (9CI) (CA INDEX NAME)

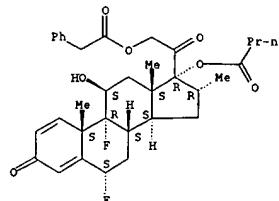
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-79-7 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 6,9-difluoro-11-hydroxy-16-methyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.,16.alpha.)- (9CI) (CA INDEX NAME)

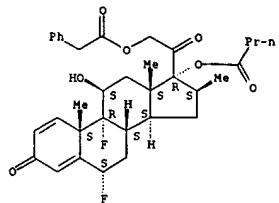
Absolute stereochemistry.



RN 164343-80-0 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 6,9-difluoro-11-hydroxy-16-methyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

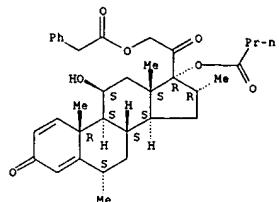
Absolute stereochemistry.

14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-81-1 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-6,16-dimethyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.,16.alpha.)- (9CI) (CA INDEX NAME)

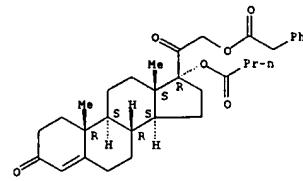
Absolute stereochemistry.



RN 164343-82-2 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]- (9CI) (CA INDEX NAME)

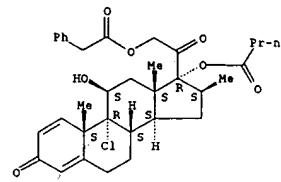
Absolute stereochemistry.

14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-83-3 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-chloro-11-hydroxy-16-methyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

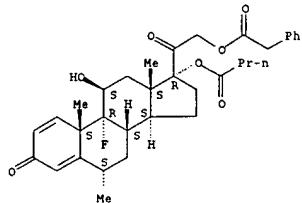
Absolute stereochemistry.



RN 164343-84-4 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-6-methyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.)- (9CI) (CA INDEX NAME)

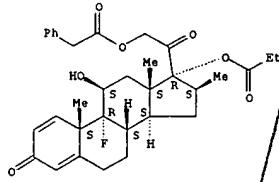
Absolute stereochemistry.

14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-85-5 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-(1-oxopropoxy)-21-[(phenylacetyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

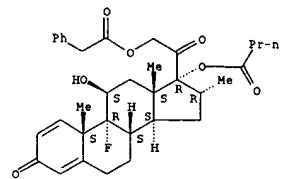
Absolute stereochemistry.



RN 164343-86-6 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (11.beta.,16.alpha.)- (9CI) (CA INDEX NAME)

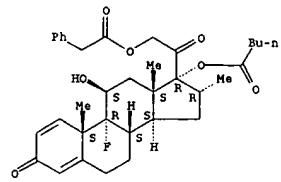
Absolute stereochemistry.

14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-87-7 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-(1-oxopentyl)-21-[(phenylacetyl)oxy]-, (11.beta.,16.alpha.)- (9CI) (CA INDEX NAME)

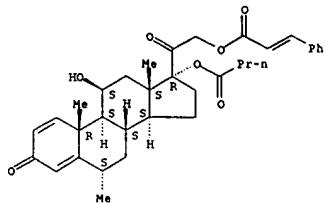
Absolute stereochemistry.



RN 164343-91-3 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-6-methyl-17-(1-oxobutoxy)-21-[(1-oxo-3-phenyl-2-propenyl)oxy]-, (6.alpha.,11.beta.)- (9CI) (CA INDEX NAME)

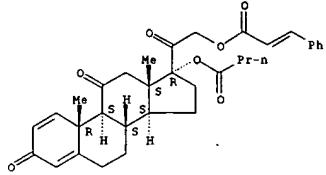
Absolute stereochemistry.  
 Double bond geometry unknown.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-92-4 CAPLUS  
 CN Pregna-1,4-diene-3,11,20-trione, 17-(1-oxobutoxy)-21-[(1-oxo-3-phenyl-2-propenyl)oxy]- (9CI) (CA INDEX NAME)

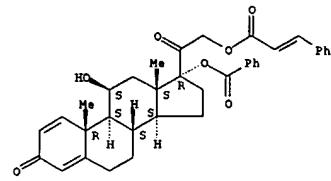
Absolute stereochemistry.  
 Double bond geometry unknown.



RN 164343-93-5 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-11-hydroxy-21-[(1-oxo-3-phenyl-2-propenyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

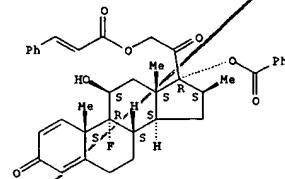
Absolute stereochemistry.  
 Double bond geometry unknown.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-95-7 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-9-fluoro-11-hydroxy-16-methyl-21-[(1-oxo-3-phenyl-2-propenyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

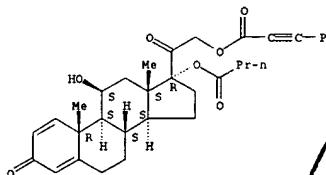
Absolute stereochemistry.  
 Double bond geometry unknown.



RN 164343-99-1 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxobutoxy)-21-[(1-oxo-3-phenyl-2-propenyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

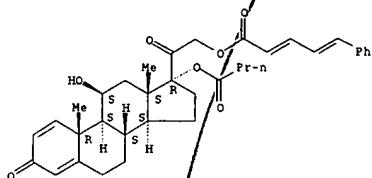
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164344-00-7 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxobutoxy)-21-[(1-oxo-5-phenyl-2,4-pentadienyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

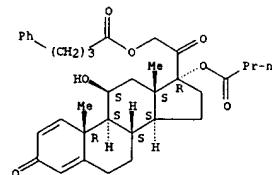
Absolute stereochemistry.  
 Double bond geometry unknown.



RN 164344-08-5 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxobutoxy)-21-[(1-oxo-4-phenylbutoxy)-, (11.beta.)- (9CI) (CA INDEX NAME)

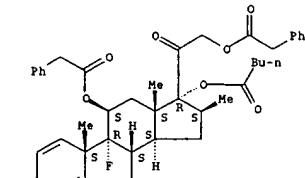
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164344-36-9 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-16-methyl-17-[(1-oxopentyl)oxy]-11,21-bis[(phenylacetyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 1998 ACS

ACCESSION NUMBER: 1978:510122 CAPLUS

DOCUMENT NUMBER: 89:10122

TITLE: Corticoids

INVENTOR(S): Annen, Klaus; Laurent, Henry; Wiechert, Rudolf; Hofmeister, Helmut; Kapp, Joachim Friedrich; Wendt, Hans

PATENT ASSIGNEE(S): Schering A.-G., Ger.

SOURCE: Ger. Offen., 34 pp.

CODEN: GWXIBX

NUMBER DATE

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PATENT INFORMATION: DE 2645104 780406

APPLICATION INFORMATION: DE 76-2645104 761004

DOCUMENT TYPE: Patent

LANGUAGE: German

AB Pregnatrienones I (R = H, R1 = OH, F; R2 = O, Cl, OH, Cl-10 acyloxy; R3 = Cl-10 acyloxy) were prepd. Thus 9.alpha.-chloroprednisolone was katalized and treated with HOAc-NaOAc to give 17.alpha.-acetoxy-9.alpha.-chloro-11.beta.,21-dihydroxy-1,4-pregnadiene-3,20-dione, which was converted to its 21-mesylate.

Chlorination-dehydrochlorination of the mesylate gave I (R = H, R1 = OH, R2 = Cl, R3 = OAc), which had an antiinflammatory ED50 in the Mycobacterium butyricum edema test 3.6 mg/kg orally in rats.

IT 66853-40-5p

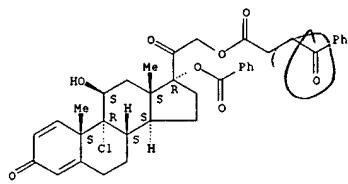
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)

(prepn. and dehydrochlorination of)

RN 66853-40-5 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-9-chloro-21-(1,4-dioxo-4-phenylbutoxy)-11-hydroxy-, (11.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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## L6 ANSWER 1 OF 2 USPATFULL

ACCESSION NUMBER: 81:971 USPATFULL  
 TITLE: Novel corticoids  
 INVENTOR(S): Annen, Klaus, Berlin, Germany, Federal Republic of  
 Laurent, Henry, Berlin, Germany, Federal Republic of  
 Hofmeister, Helmut, Berlin, Germany, Federal Republic of  
 Wieschert, Rudolf, Berlin, Germany, Federal Republic of  
 Wendt, Hans, Berlin, Germany, Federal Republic of  
 Kapp, Joachim F., Berlin, Germany, Federal Republic of  
 PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Berlin and  
 Bergkamen, Germany, Federal Republic of (non-U.S.  
 corporation)

NUMBER DATE

PATENT INFORMATION: US 4243664 810106  
 APPLICATION INFO.: US 79-20154 790313 (6)  
 RELATED APPLN. INFO.: Division of Ser. No. US 77-839486, filed on 4 Oct  
 1977, now patented, Pat. No. US 4176126

NUMBER DATE

PRIORITY INFORMATION: DE 76-2645104761004

DOCUMENT TYPE: Utility

PRIMARY EXAMINER: Roberts, Elbert L.

LEGAL REPRESENTATIVE: Millen & White

NUMBER OF CLAIMS: 5

EXEMPLARIC CLAIM: 1,5

LINE COUNT: 791

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel corticoids of formula I ##STR1## wherein X is  
 .beta.-hydroxymethylene, .beta.-fluoromethylene or carbonyl; Y is  
 fluorine, chlorine, hydroxy, or acyloxy of 1-10 carbon atoms; and  
 R<sub>sub</sub>1 is acyloxy of 1-10 carbon atoms, possess strong  
 anti-inflammatory activity when administered topically and display  
 only minor systemic side effects.

IT 66853-40-5P

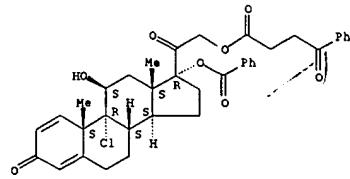
(prepn. and dehydrochlorination of)

RN 66853-40-5 USPATFULL

CN Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-9-chloro-21-(1,4-dioxo-  
 4-phenylbutoxy)-11-hydroxy-, (11.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

## L6 ANSWER 1 OF 2 USPATFULL (Continued)



## L6 ANSWER 2 OF 2 USPATFULL

ACCESSION NUMBER: 79:47493 USPATFULL  
 TITLE: Novel corticoids  
 INVENTOR(S): Annen, Klaus, Berlin, Germany, Federal Republic of  
 Laurent, Henry, Berlin, Germany, Federal Republic of  
 Hofmeister, Helmut, Berlin, Germany, Federal Republic of  
 Wieschert, Rudolf, Berlin, Germany, Federal Republic of  
 Wendt, Hans, Berlin, Germany, Federal Republic of  
 Kapp, Joachim-Friedrich, Berlin, Germany, Federal Republic of  
 PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Berlin and  
 Bergkamen, Germany, Federal Republic of (non-U.S.  
 corporation)

NUMBER DATE

PATENT INFORMATION: US 4176126 791127  
 APPLICATION INFO.: US 77-839486 771004 (5)

NUMBER DATE

PRIORITY INFORMATION: DE 76-2645104761004

DOCUMENT TYPE: Utility

PRIMARY EXAMINER: Roberts, Elbert L.

LEGAL REPRESENTATIVE: Millen & White

NUMBER OF CLAIMS: 15

EXEMPLARIC CLAIM: 1

LINE COUNT: 809

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel corticoids of formula I ##STR1## wherein X is  
 .beta.-hydroxymethylene, .beta.-fluoromethylene or carbonyl; Y is  
 fluorine, chlorine, hydroxy, or acyloxy of 1-10 carbon atoms; and  
 R<sub>sub</sub>1 is acyloxy of 1-10 carbon atoms, possess strong  
 anti-inflammatory activity when administered topically and display  
 only minor systemic side effects.

IT 66853-40-5P

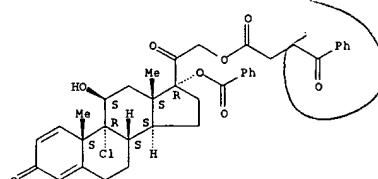
(prepn. and dehydrochlorination of)

RN 66853-40-5 USPATFULL

CN Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-9-chloro-21-(1,4-dioxo-  
 4-phenylbutoxy)-11-hydroxy-, (11.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

## L6 ANSWER 2 OF 2 USPATFULL (Continued)



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(FILE 'HOME' ENTERED AT 11:02:57 ON 12 JUN 1998)

FILE 'REGISTRY' ENTERED AT 11:04:52 ON 12 JUN 1998

L1                   STRUCTURE UPLOADED

L2                   4 S L1

L3                   39 S L1 FULL

FILE 'CAPIPLUS' ENTERED AT 11:05:46 ON 12 JUN 1998

L4                   2 S L3

FILE 'BEILSTEIN' ENTERED AT 11:07:01 ON 12 JUN 1998

L5                   1 S L1 FULL

FILE 'USPATFULL' ENTERED AT 11:07:51 ON 12 JUN 1998

L6                   2 S L3